# **Material Safety Data Sheet**

Date prepared: May 28, 2012 Date revised: N/A (first edition)

**Section 1 - General Information** 

Chemical Name: Sulfamoxole
CAS Reg. Number: 729-99-7
Catalog Number: 1ST4011
Manufacturer's Name: A Chemtek, Inc.

100 Barber Avenue

Worcester, MA 01606, USA

**Telephone Number:** 508-471-4121 **Fax Number:** 508-845-9201

For R & D use only

# Section 2 - Hazardous Ingredients/Identity Information

**Emergency Overview OSHA Hazards** 

Target Organ Effect, Skin sensitizer

**Target Organs** Blood, Kidney

GHS Label elements, including precautionary statements

**(!)** 

Pictogram
Signal word
Warning

Hazard statement(s)

H317 May cause an allergic skin reaction.

Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see supplemental first aid instructions on this label).

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/ container to an approved waste disposal plant.

Reactivity Hazard: OHMIS Classification

Health hazard: 2
Chronic Health Hazard: \*
Flammability: 0
Physical hazards: 0

**NFPA Rating** 

Health hazard: 2
Fire: 0
Reactivity Hazard: 0

**Potential Health Effects** 

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.Skin May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation. **Ingestion** May be harmful if swallowed.

**Section 3 - Composition/Information on Ingredients** 

Formula:  $C_{11}H_{13}N_3O_3S$ Molecular Weight: 267.3g/molCAS-No. 729-99-7

### **Section 4 - First Aid Measures**

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

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Flush eyes with water as a precaution.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

# **Section 5 - Fire-Fighting Measures**

### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

## **Section 6 - Accidental Release Measures**

**Personal precautions** Avoid dust formation.

**Environmental precautions** Do not let product enter drains.

**Methods for cleaning up** Sweep up and shovel. Keep in suitable, closed containers for disposal.

# Section 7 - Handling and Storage

**Handling** Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for

preventive fire protection.

**Storage** Keep container tightly closed in a dry and well-ventilated place. Light sensitive.

# **Section 8 - Exposure Controls/Personal Protection**

Contains no substances with occupational exposure limit values.

## Personal protective equipment

## Eye/face protection

Face shield and safety glasses

### Skin protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

# **Body Protection**

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

# **Section 9 - Physical and Chemical Properties**

### Appearance:

Form Solid

Safety data

pH: not available Melting point: 185 °C (365 °F) Boiling point: not available Flash point: not available Ignition temperature: not available Lower explosion limit: not available Upper explosion limit: not available Water solubility: not available Other safety information not available

## Section 10 - Stability and Reactivity

Storage stability Stable under recommended storage conditions

Materials to avoid Strong oxidizing agents

**Hazardous decomposition products** Hazardous decomposition products formed under fire conditions. -

Carbon oxides, nitrogen oxides (NOx), Sulphur oxides

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# **Section 11 - Toxicological Information**

Acute toxicity

LD50 Intravenous – mouse – 1,000 mg/kg

Irritation and corrosion:not availableSensitization:not availableRespiratory or skin sensitization:not available

Chronic exposure

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA.

### Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation. Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.
Ingestion: May be harmful if swallowed.

# **Section 12 - Ecological Information**

**Toxicity** not available

Elimination information (persistence and degradability)

not available

**Ecotoxicity effects:** not available **Further information on ecology:** not available

# **Section 13 - Disposal Considerations**

**Product** Observe all federal, state, and local environmental regulations.

**Contaminated packaging** Dispose of as unused product.

## **Section 14- Transport Information**

DOT (US):Not dangerous goodsIMDG:Not dangerous goodsIATA:Not dangerous goods

## **Section 15 - Regulatory Information**

### **OSHA Hazards**

Target Organ Effect, Skin sensitizer

### **DSL Status**

This product contains the following components listed on the Canadian NDSL list.

Sulfamoxol CAS-No.729-99-7

# **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

## SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

# **Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

# Pennsylvania Right To Know Components

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# **New Jersey Right To Know Components**

Sulfamoxol CAS-No.729-99-7

# California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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# **Section 16 - Other Information**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. A Chemtek shall not be held liable for any damage resulting from handling or from contact with the above product.